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Effect of pKa  
3 minute press

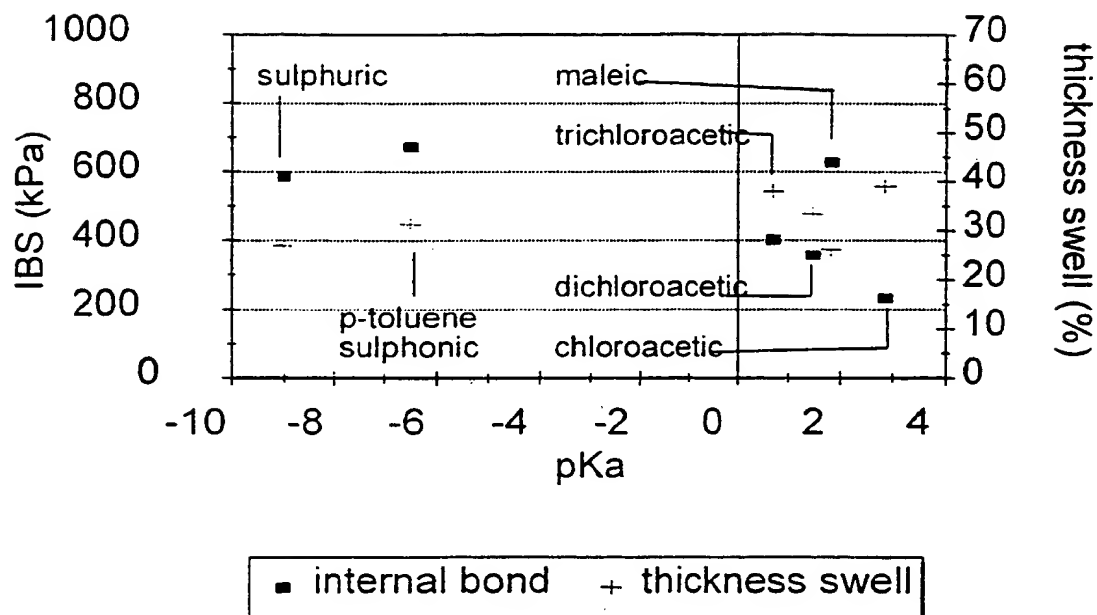


Fig.1

Effect of replacing 40% of resin  
with maleic acid on IBS

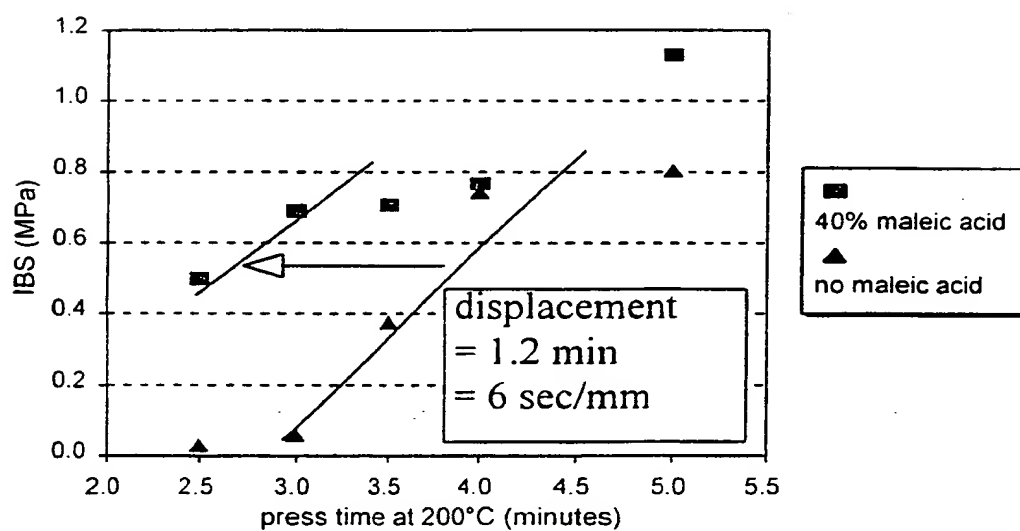


Fig.2

Effect of replacing 40% of resin with  
maleic acid on IBS after cold soak

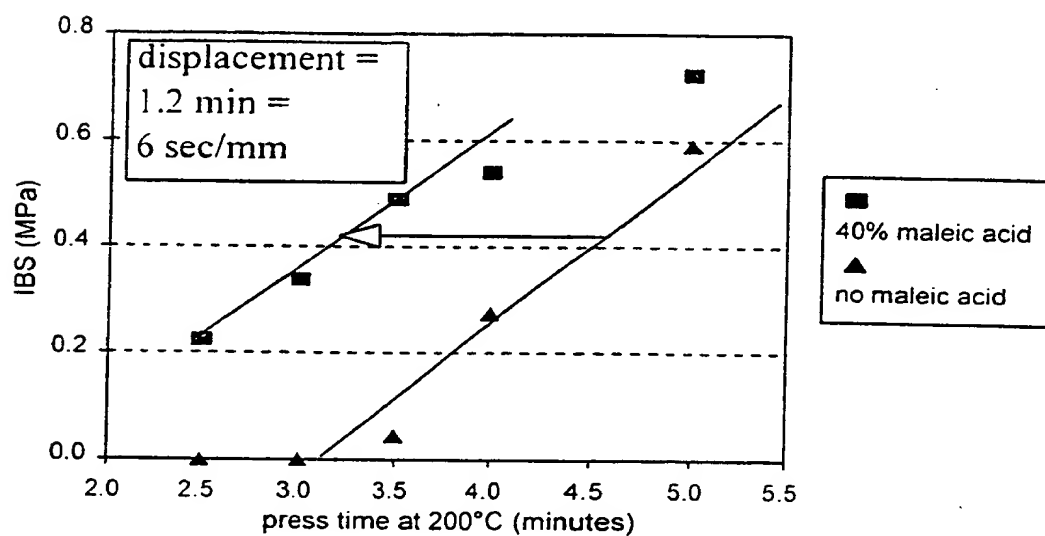


Fig.3

Effect of replacing 40% of resin with  
maleic acid on thickness swell

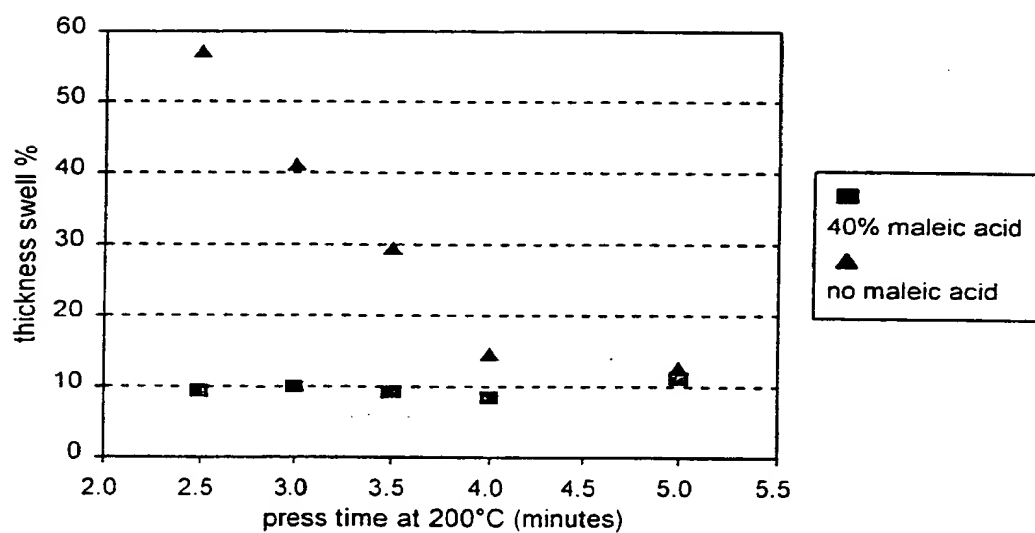


Fig.4

Effect of replacing 25% of resin  
with maleic acid on IBS

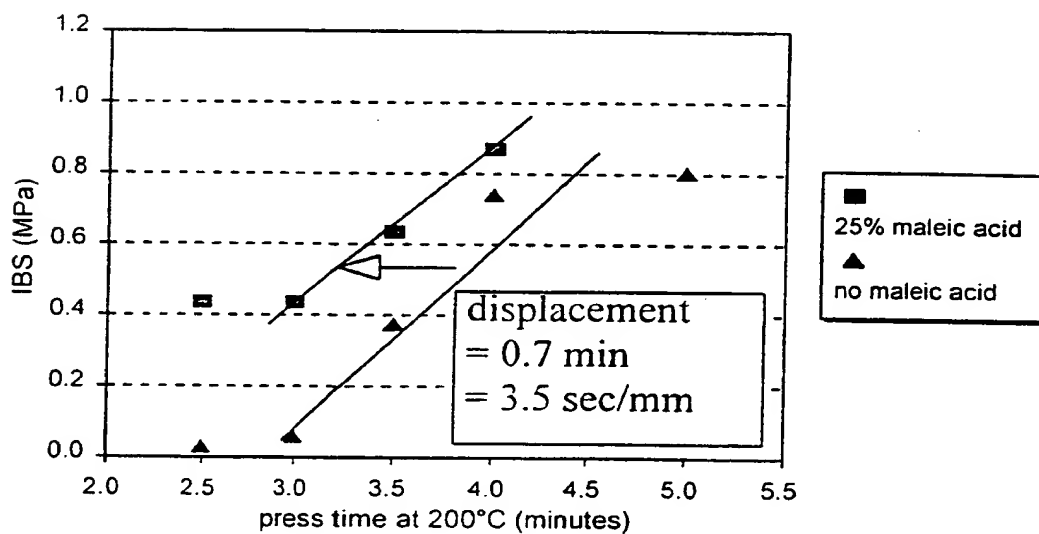


Fig.5

Effect of replacing 25% of resin with  
maleic acid on IBS after cold soak

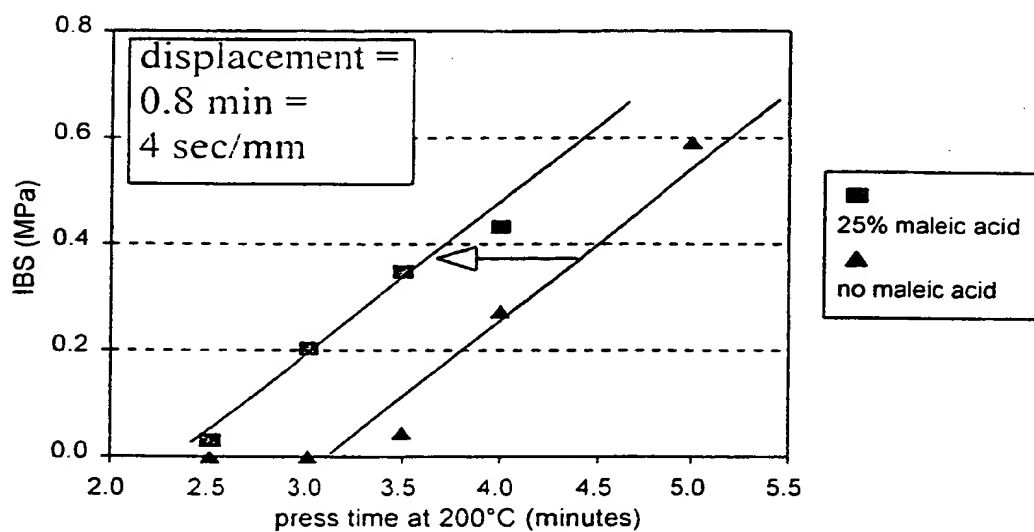


Fig.6

Effect of replacing 25% of resin with  
maleic acid on thickness swell

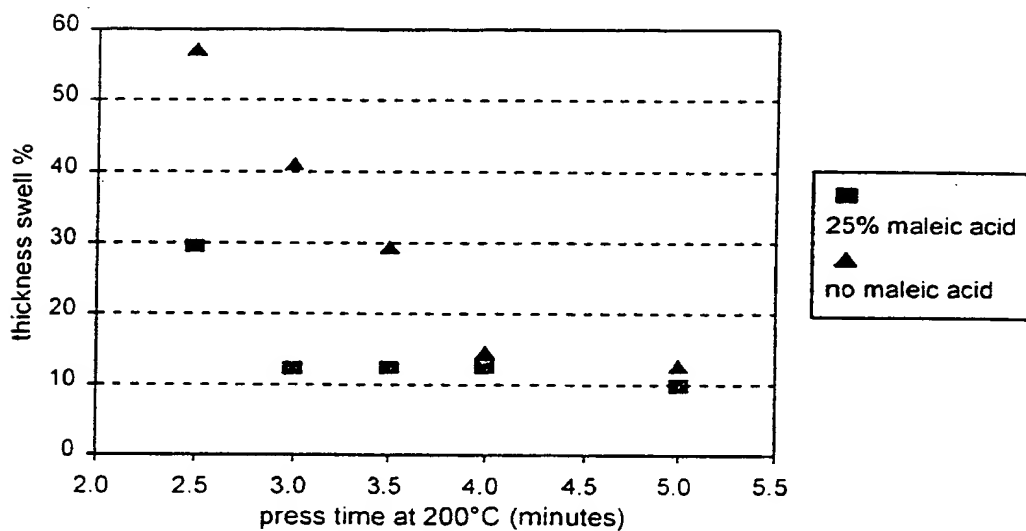


Fig.7

### Retained Internal Bond after soaking

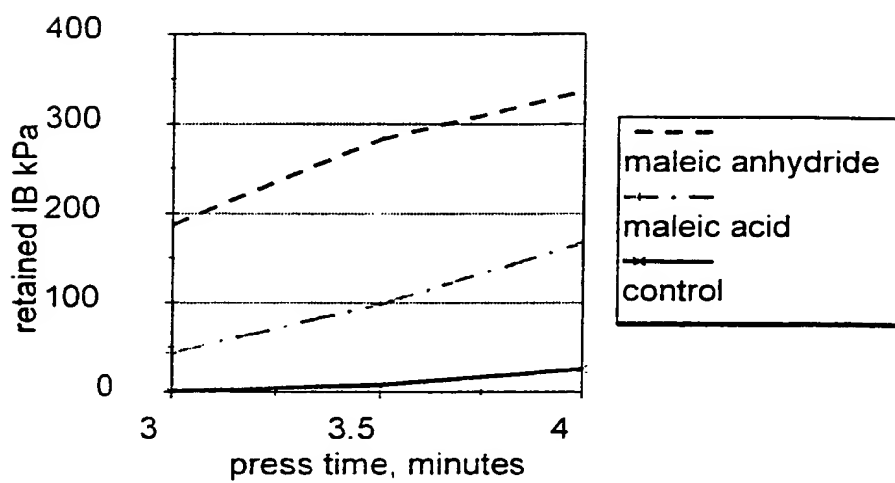
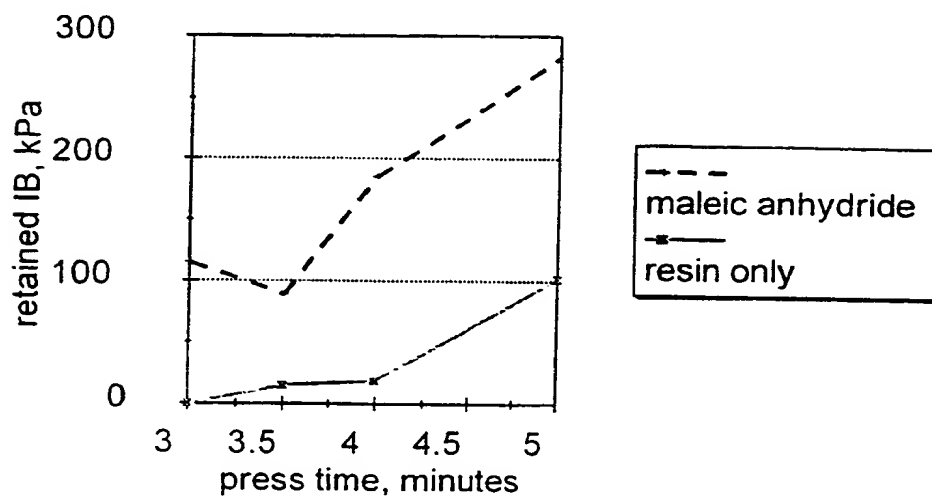


Fig.8



Retained Internal Bond after soakingFig.9